AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A method of transmit power adjustment in a multitone communication system, comprising:

adjusting transmit power by changing ~~for~~ a power spectral density ~~P(ik) expressed in terms of dBm[[l]]/Hz where k indexes subchannels of a multitone system,~~ for each subchannel k ~~changing P(k)~~the power spectral density to the minimum of the power spectral density and ~~Pmax - PCB where Pmax is the~~a maximum of the power spectral density REFPSD(k) = min(NOMPSD(k), NOMPSD - PCB) where REFPSD(k) is the transmitted PSD at tone k, NOMPSD(k) is the maximum transmit PSD allowed at each tone k, NOMPSD is the maximum value of NOMPSD(k) over all k and PCB is a power cutback level~~in terms of dB~~.

.2. (Currently Amended) The method of claim 1, wherein:

said PCB is selected from the range 0 dB to 40 dB.

3. (Previously Presented) The method of claim 1, wherein:

said multitone system is an asymmetrical digital subscriber line system; and

said PCB is selected as the larger of a power cutback selected by a central office transceiver and a power cutback selected by a customer transceiver.

4 (Currently Amended) A system including at least one processor, said processor configured to perform for a power spectral density ~~P(k) expressed in terms of dBmlHz~~ where k indexes subchannels of a multitone system, for each subchannel k:

~~changing P(k) to the minimum of P(k) and Pmax - PCB where Pmax is the maximum of the P(k) and PCB is a power cutback level in terms of dB~~adjusting transmit power by changing a power spectral density for each subchannel k the power spectral density to the minimum of the power spectral density and a maximum of the power spectral density REFPSD(k) = min(NOMPSD(k), NOMPSD - PCB) where REFPSD(k) is the transmitted PSD at tone k, NOMPSD(k) is the maximum transmit PSD allowed at each tone k, NOMPSD is the maximum value of NOMPSD(k) over all k and PCB is a power cutback level.

5 (Currently Amended) A ~~program stored in a tangible medium, said program with~~ computer readable medium storing instructions to ~~configured~~configure a processor to perform for a power spectral density ~~P(k) expressed in terms of dBmlHz~~ where k indexes subchannels of a multitone system, for each subchannel k:

~~changing P(k) to the minimum of P(k) and Pmax - PCB where Pmax is the maximum of the P(k) and PCB is a power cutback level in terms of dB~~adjusting transmit power by changing a power spectral density for each subchannel k the power spectral density to the minimum of the power spectral density and a

maximum of the power spectral density REFPSD(k) = min(NOMPSD(k), NOMPSD - PCB) where REFPSD(k) is the transmitted PSD at tone k, NOMPSD(k) is the maximum transmit PSD allowed at each tone k, NOMPSD is the maximum value of NOMPSD(k) over all k and PCB is a power cutback level.